SMART Meeting Pro® 4.0 SP2
software

SYSTEM ADMINISTRATOR'S GUIDE

SMART®

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Chapter 1

Welcome

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This guide explains how to deploy SMART Meeting Pro® software.

This guide is intended for IT administrators and others experienced with deploying and administering software in a networked environment. To use this guide, you must:

- Know IT terminology such as "registry" and "domain controller"
- Know how to complete basic administrative tasks in the operating system
- Have administrative privileges and access to servers
- Have Internet access

NOTE

You can view an online version of this guide on your computer, tablet or smart phone by going to onlinehelp.smarttech.com/english/guides/meetingpro/4_0_2 or by scanning the QR code on the cover.

What's new

The following are changes to the deployment of SMART Meeting Pro 4.0 SP2 software:

- The minimum version for Microsoft® .NET Framework has increased to 4.5.1.
- The minimum version of Microsoft Visual Studio® Tools for Office has increased to 10.0.50903, and there is now a single installation package for this supporting software.

- A new SMART Product Update (SPU) installation property enables you to push new values for the *Check for updates* and *Notify users about SMART product updates* settings to computers and ensure the new values are accepted.

Computer requirements

Ensure that all computers to which you plan to deploy SMART Meeting Pro software meet the minimum requirements for the number of connected displays.

For one- or two-display systems

- Windows® 7, Windows 8 or Windows 8.1 operating system
- 2 GHz dual-core processor or faster (quad-core recommended)
- 2 GB of RAM (4 GB recommended)
- 1 GB of free hard disk space for minimum installation (additional free space required during installation)
- Discrete 128 MB of VRAM and support for Microsoft® DirectX® 10.1 technology
- Microsoft .NET Framework 4.5.1 Full
- Microsoft Visual Studio® Tools for Office

For three- to eight-display systems

- Windows 7, Windows 8 or Windows 8.1 operating system
- 2 GHz dual-core processor or faster (quad-core recommended)
- 4 GB of RAM
- 1 GB of free hard disk space for minimum installation (additional free space required during installation)
- Discrete 256 MB of VRAM and support for Microsoft DirectX 10.1 technology
- Microsoft .NET Framework 4.5.1 Full
- Microsoft Visual Studio Tools for Office

For nine- to sixteen-display systems

- Windows 7, Windows 8 or Windows 8.1 (64-bit) operating system
- 3 GHz dual-core processor or faster (quad-core recommended)
- 8 GB of RAM or more

- 1 GB of free hard disk space for minimum installation (additional free space required during installation)
- Discrete 512 MB of VRAM and support for Microsoft DirectX 10.1 technology
- Microsoft .NET Framework 4.5.1 Full
- Microsoft Visual Studio Tools for Office

Downloading the installation package and supporting files

If your organization's computers meet the computer requirements, download the installation package and supporting files.

To download the installation packages and supporting files

1. Go to smarttech.com/administratordownloads.
2. Click **Choose a version** under *SMART Meeting Pro software*, and then select **4.0 SP2 for Windows**.
3. Click **Download**, and then save the .zip file to a temporary location on your computer when prompted.
4. Extract the contents of the .zip file to a temporary location on your computer.

   The .zip file contains installation packages and supporting files for the following software:

   SMART software

File	Description
Installation package	
SMARTMeetingProInstaller.msi	SMART Meeting Pro software installation package
Installation language files	
2052.mst	Chinese (Simplified) installation language file
1029.mst	Czech installation language file
1030.mst	Danish installation language file
1043.mst	Dutch installation language file
1033.mst	English (U.S.) installation language file
2057.mst	English (UK) installation language file

File	Description
1035.mst	Finnish installation language file
1036.mst	French installation language file
1031.mst	German installation language file
1040.mst	Italian installation language file
1041.mst	Japanese installation language file
1044.mst	Norwegian installation language file
1046.mst	Portuguese (Brazil) installation language file
1049.mst	Russian installation language file
1034.mst	Spanish installation language file
1053.mst	Swedish installation language file
Language packs	
chinese_(simplified)_ handwriting.msi	Chinese language pack
czech_handwriting.msi	Czech language pack
danish_handwriting.msi	Danish language pack
dutch_handwriting.msi	Dutch language pack
english_(united_kingdom)_ handwriting.msi	English (UK) language pack
finnish_handwriting.msi	Finnish language pack
french_handwriting.msi	French language pack
german_handwriting.msi	German language pack
italian_handwriting.msi	Italian language pack
japanese_handwriting.msi	Japanese language pack
norwegian_handwriting.msi	Norwegian language pack
portuguese_(brazil)_ handwriting.msi	Portuguese (Brazil) language pack
russian_handwriting.msi	Russian language pack
spanish_handwriting.msi	Spanish language pack
swedish_handwriting.msi	Swedish language pack

NOTES

- The installation language files define the language of the installer's user interface and the installed software's icons and shortcuts.They don't define the installed software's user interface language or the handwriting recognition languages. You can deploy only one installation language file at a time.
- The language packs define the handwriting recognition languages. You can deploy multiple language packs at a time.
- The installed software's user interface is defined by the computer's operating system language if it's supported, or English (U.S.) if not.

Third-party software

File	Description
dotNetFx451_Full_setup.exe	.NET Framework 4.5.1 installation package*
vstor_redist.exe	Visual Studio Tools for Office installation package

*SMART recommends that you download the latest version of the .NET Framework files from the Microsoft website. For information on deploying the .NET Framework, refer to the *.NET Framework Deployment Guide for Administrators* on the MSDN® website (msdn.microsoft.com/en-us/library/ee390831.aspx).

Chapter 2

Customizing the installation package

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After downloading the installation package, you can customize it for your organization.

You can customize the installation package using SMART Install Manager.

OR

You can customize the installation package using third-party tools and Windows Installer properties.

Using SMART Install Manager

SMART Install Manager enables you to customize SMART software installation packages (also known as MSI files) by publishing MST files. You can then deploy the MSI and MST files to computers.

To install SMART Install Manager

1. Go to smarttech.com/administratordownloads.
2. Click **Choose a version** under *SMART Meeting Pro software*, and then select **4.0 for Windows**.
3. Click **Download SMART Install Manager**.
4. Click **Download**, and then save **Install Manager.exe** to your computer.
5. Double-click **Install Manager.exe**.

   The SMART Install Manager installation wizard appears.
6. Follow the on-screen instructions.

To customize the SMART Meeting Pro software installation package using SMART Install Manager

1. Start SMART Install Manager.
2. Drag **SMARTMeetingProInstaller.msi** to the *SMART Install Manager* window.
3. Set the controls on each page.

Control	Procedure	Notes
General Options		
Installation Options		
Install SMART Ink	Select to install SMART Ink™.	
Install SMART Meeting Pro	Select to install SMART Meeting Pro software.	
SMART Product Drivers installation directory	Type the path to your preferred folder for SMART Product Drivers.	If you don't specify a folder, Windows Installer installs SMART Product Drivers in ***[Program Files folder]*\SMART Technologies\SMART Product Drivers** (32-bit operating systems) or ***[Program Files (x86) folder]*\SMART Technologies\SMART Product Drivers** (64-bit operating systems).
SMART Meeting Pro Installation directory	Type the path to your preferred folder for SMART Meeting Pro software.	If you don't specify a folder, Windows Installer installs SMART Meeting Pro software in ***[Program Files folder]*\SMART Technologies\SMART Meeting Pro** (32-bit operating systems) or ***[Program Files (x86) folder]*\SMART Technologies\SMART Meeting Pro** (64-bit operating systems).
Start SMART System Menu at logon	Select to display the SMART Board® icon in the notification area when the computer starts.	

Control	Procedure	Notes
Language Selection		
Select the language packs you want to install	Select the language packs you want to install.	For more information on language packs, see *Downloading the installation package and supporting files* on page 3. Ensure the language packs are in the appropriate folder (see *Deploying the installation package* on page 25).
SMART Product Update		
Install SMART Product Update in Full mode	Select to install SMART Product Update (SPU) in Full mode.	In Full mode, users can view the installed versions of SMART software as well as their product keys, and download and install updates.
Install SMART Product Update in Dashboard mode	Select to install SPU in Dashboard mode.	In Dashboard mode, users can view only the installed versions of SMART software and their product keys.
Do not install SMART Product Update	Select to not install SPU.	
Check for updates	Type the number of days (1 to 60) between SPU checks.	This option is available only if you install SPU in Full mode. By default, SPU checks for product updates every 30 days.
Notify users about SMART product updates	Select to notify users of available SMART product updates through the Windows notification area.	This option is available only if you install SPU in Full mode.
Reset per-user changes to the previous two settings	Select to remove existing *Check for updates* and *Notify users about SMART product updates* values the next time the user runs SPU.	This option enables you to push new values for these settings to computers and ensure the new values are accepted. Individual users can still modify these settings.

Control	Procedure	Notes
Customer Experience		
Enable the Customer Experience Program on all devices	Select to automatically enable the Customer Experience Program for all users.	Users can disable the Customer Experience Program through the *Help* menu.
Disable the Customer Experience Program on all devices	Select to automatically disable the Customer Experience Program for all users.	Users can't enable the Customer Experience Program through the *Help* menu.
SMART Product Drivers		
Optional Drivers Settings		
Enable Tablet PC Support	Select to use Tablet PC functionality with your SMART interactive display without having to connect a Tablet PC.	
Start Simple Network Management Protocol (SNMP) Agent	Select to start the SNMP agent.	
Register unsigned drivers	Select to enable the registration of unsigned third-party drivers.	If you enable the registration of unsigned third-party drivers, the installation process could ask users if they trust the makers of the drivers during installation. This can cause issues if you deploy the installation in Silent mode. Therefore, it's best to disable the registration of third-party drivers if you deploy the installation in Silent mode.

Control	Procedure	Notes
SMART Ink		
Optional Ink Settings		
Start SMART Ink at logon	Select to start SMART Ink when the user logs on.	You must select **Install SMART Ink** in the *Installation Options* page for this option to take effect.
Make SMART Ink Viewer the default PDF viewer	Select to make SMART Ink Viewer the default PDF viewer.	You must select **Install SMART Ink** in the *Installation Options* page for this option to take effect.
SMART Meeting Pro		
Meeting Pro Activation		
Product key	Type the 25-character product key for SMART Meeting Pro software.	When the software deploys, the product key activates the software.
Activate SMART software during installation	Select to activate SMART Meeting Pro software automatically during installation rather than manually after installation.	
Shortcuts		
Install Desktop shortcut	Select to create shortcuts to SMART Meeting Pro software on the desktop.	
Launch SMART Meeting Pro at Startup	Select to start SMART Meeting Pro software automatically when the user logs on.	

Control	Procedure	Notes
Microsoft Exchange and E-mail Server Settings		
Enable integration with Microsoft Exchange	Select to enable Microsoft Exchange integration with SMART Meeting Pro software.	You must add the room resource's unique email address after installation. Users can access their Microsoft Outlook® meeting details and email Whiteboard files to themselves or to other users in SMART Meeting Pro software.
Auto start scheduled meeting at logon	Select to automatically start scheduled meetings each time a user starts a new session.	
Auto book ad hoc meeting at logon	Select to automatically book and start an unscheduled meeting each time a user starts a new session if the room resource is available.	
Auto reset room after meeting end time	Select to automatically reset the room five minutes after a meeting's scheduled end time. Use the drop-down menu to change the delay time.	
Auto insert agenda at meeting start	Select to automatically insert meeting details into the drawing area each time a scheduled meeting starts.	
Enable SMTP e-mail configuration	Select to configure SMTP email settings or the computer's default email client.	If you don't enable Microsoft Exchange integration settings, you can still configure SMTP email settings. Users are unable to access their Outlook meeting details, but they can still email Whiteboard files.

Control	Procedure	Notes
Sender e-mail address	Type the sender email address for the SMART Meeting Pro software installation.	Users can email Whiteboard files to themselves or to other users from SMART Meeting Pro software. The software uses this email address in the *Sender* field. If the computer doesn't have an email client installed, enter a **do not reply** value. This indicates to email recipients that they can't reply to emails they receive.
SMTP server name	Type the name of the SMTP server.	Users can email Whiteboard files to themselves or to other users from SMART Meeting Pro software. The software uses this email server to send the file.
Use the computer's default e-mail client to send e-mail messages	Select to use the computer's default email client to send email messages.	The default email client must be properly configured before email can be sent.
SMART Meeting Pro Collaboration Information		
Disable remote collaboration	Select to disable remote collaboration.	If you select this option, you can still enable Bridgit software integration after installation by specifying a Bridgit server in SMART Meeting Pro Settings.
Enable Bridgit integration	Select to enable Bridgit software integration for SMART Meeting Pro software remote collaboration.	If no server name is provided, Bridgit software integration is disabled.
Bridgit Server	Type the name of the Bridgit server (for example, **bridgit.example.com**).	The Bridgit server enables SMART Meeting Pro software to connect to SMART Meeting Pro software on other computers.
Access password	Type the access password for the Bridgit server.	
Creation password	Type the creation password for the Bridgit server.	

Control	Procedure	Notes
Automatically share primary screen	Select to share the main screen each time a user starts a new session.	
Show meeting password on collaboration bar	Select to show the meeting password in text on the Bridgit Collaboration Bar.	
Additional Configuration		
Default whiteboard style	Select **Unbound Whiteboard** to present pages in Unbound Workspace. OR Select **Classic Whiteboard** to present pages in Classic Workspace.	In Unbound Workspace, pages have no defined boundaries, and the page area can be significantly larger than the viewable area. This is beneficial when users want to use Whiteboard mode for brainstorming or to zoom in on specific details in large, detailed maps, diagrams or other images. In Classic Workspace, pages have defined boundaries, and the page area is usually the same as or slightly larger than the viewable area. This is beneficial when users want all content to be visible at the same time in the viewable area. SMART recommends that you select Unbound Workspace.
Default mode	Select **Desktop** to make SMART Meeting Pro software open in Desktop mode. OR Select **Whiteboard** to make SMART Meeting Pro software open in Whiteboard mode.	

Control	Procedure	Notes
Default file save format	Select the default file format that SMART Meeting Pro software uses to save whiteboard pages. Select from the following formats: ◦ .fcw ◦ .pdf ◦ .ppt (.pptx) ◦ .notebook	If you select Unbound Workspace, do not select .notebook as the default file format. Unbound Workspace files can't be saved in .notebook format. Files saved in .pdf format can't be opened again in SMART Meeting Pro software. Files saved in .ppt or .pptx format can be opened in SMART Meeting Pro software but have reduced functionality. Regardless of which format you select, users can still select a different file format when they save whiteboard pages.
Ink type	Select **Calligraphic** to use calligraphic ink, which smooths your writing strokes and improves the readability of your notes. OR Select **Regular** to use regular ink.	SMART recommends that you select calligraphic ink.
Administrator password	Type a password that allows users to modify the SMART Meeting Pro software settings.	If you leave this box blank, no password will be required to change SMART Meeting Pro software settings.
Gallery Location		
Save Gallery content added by user in	Type the path to your preferred folder for user-added content.	If you don't specify a folder, SMART Meeting Pro software stores user-added content in ***[Public documents folder]*\SMART Technologies\Gallery\Added Content**.
Additional Gallery Folder	Type the path to additional gallery folders.	

4. Select **File > Publish**.

   The *Save file* dialog box appears.

5. Browse to the location where you extracted **SMARTMeetingProInstaller.msi**.

6. Type a name for the MST file in the *File name* box, and then click **Save**.
7. Close SMART Install Manager.

Using third-party tools

You can customize SMART software installation packages by creating MST files using a third-party tool, such as Orca database editor, and the Windows Installer properties.

SMART Meeting Pro software installation package properties

Property	Allowed values	Notes
General properties		
Installation properties		
TRANSFORMS	[String]: A language MST file for the installation.	For more information on installation language files, see *Downloading the installation package and supporting files* on page 3. Ensure the specified MST file is in the same folder as the MSI file. You can also use the TRANSFORMS property to apply an MST file created by SMART Install Manager or a third-party tool.
INSTALL_INK	1 (default): Install SMART Ink. [Empty string]: Don't install SMART Ink	
INSTALL_MPRO	1 (default): Install SMART Meeting Pro software. [Empty string]: Don't install SMART Meeting Pro software.	
DRIVERSDIR	[String]: The path to your preferred folder for SMART Product Drivers.	If you don't specify a folder, Windows Installer installs SMART Product Drivers in ***[Program Files folder]*\SMART Technologies\SMART Product Drivers** (32-bit operating systems) or ***[Program Files (x86) folder]*\SMART Technologies\SMART Product Drivers** (64-bit operating systems).

Property	Allowed values	Notes
INSTALLDIR	[String]: The path to your preferred folder for SMART Meeting Pro software.	If you don't specify a folder, Windows Installer installs SMART Meeting Pro software in ***[Program Files folder]*\SMART Technologies\SMART Meeting Pro** (32-bit operating systems) or ***[Program Files (x86) folder]*\SMART Technologies\SMART Meeting Pro** (64-bit operating systems).
LAUNCH_SYSTEM_MENU	1 (default): Display the SMART Board icon in the notification area when the computer starts. [Empty string]: Don't display the SMART Board icon in the notification area when the computer starts.	

Property	Allowed values	Notes
Language pack properties[1]		
ZH_CN	1: Install the Chinese (Simplified) language pack.	For more information on language packs, see *Downloading the installation package and supporting files* on page 3. Ensure the language packs are in the appropriate folder (see *Deploying the installation package* on page 25).
CS	1: Install the Czech language pack.	
DA	1: Install the Danish language pack.	
NL	1: Install the Dutch language pack.	
EN_GB	1: Install the English (UK) language pack.	
FI	1: Install the Finnish language pack.	
FR	1: Install the French language pack.	
DE	1: Install the German language pack.	
IT	1: Install the Italian language pack.	
JA	1: Install the Japanese language pack.	
NB	1: Install the Norwegian language pack.	
PT_BR	1: Install the Portuguese (Brazil) language pack.	
RU	1: Install the Russian language pack.	
ES	1: Install the Spanish language pack.	
SV	1: Install the Swedish language pack.	
SPU properties		
INSTALL_SPU	1 (default): Install SPU in Full mode. 2: Install SPU in Dashboard mode. 0: Don't install SPU.	In Full mode, users can view the installed versions of SMART software as well as their product keys, and download and install updates. In Dashboard mode, users can view only the installed versions of SMART software and their product keys.

[1] You must deploy the selected language packs with the MSI file (see *Deploying the installation package* on page 25).

Property	Allowed values	Notes
SPU_TIME_ FRAME	[Integer]: The time in days (1 to 60) between SPU checks.	By default, SPU checks for product updates every 30 days. This property is applicable only if you install SPU.
PRODUCT_ NOTIFICATION	1 (default): Notify the user when updates are available from SPU. 0: Don't notify the user when updates are available from SPU.	This property is applicable only if you install SPU.
INVALIDATE_ HKCU_ INTERVAL	1: Remove existing *Check for updates* and *Notify users about SMART product updates* values the next time the user runs SPU. 0 (default): Don't remove existing *Check for updates* and *Notify users about SMART product updates values* the next time the user runs SPU.	This property enables you to push new values for these settings to computers and ensure the new values are accepted. Individual users can still modify these settings.
Customer Experience Program properties		
CUSTOMER_ LOGGING	1 (default): Allow users to enable or disable the Customer Experience Program. 0: Disable the Customer Experience Program.	
SMART Product Drivers properties		
ENABLE_ STPCS	1 (default): Use Tablet PC functionality with the SMART interactive product without connecting a Tablet PC. [Empty string]: Don't use Tablet PC functionality with the SMART interactive product without connecting a Tablet PC.	If you disable this property, users don't have touch support at the Windows logon screen.
START_SNMP_ SERVICE	1: Start the SNMP agent. 0 (default): Don't start the SNMP agent.	

Property	Allowed values	Notes
INSTALL_ UNSIGNED_ DRIVERS	1: Enable the registration of unsigned third-party drivers. 0 (default): Disable the registration of unsigned third-party drivers.	If you enable the registration of unsigned third-party drivers, the installation process could ask users if they trust the makers of the drivers during installation. This can cause issues if you deploy the installation in Silent mode. Therefore, it's best to disable the registration of third-party drivers if you deploy the installation in Silent mode.
SMART Ink properties		
LOSU_INK	1 (default): Start SMART Ink when the user logs on. 0: Don't start SMART Ink when the user logs on.	You must install SMART Ink for this property to take effect.
DEFAULT_ PDF	1: Set SMART Ink Viewer as the default PDF viewer. 0 (default): Don't set SMART Ink Viewer as the default PDF viewer.	You must install SMART Ink for this property to take effect.
SMART Meeting Pro software properties		
Activation properties		
ISX_ SERIALNUM	[String]: A 25-character SMART Meeting Pro product key.	
Shortcut properties		
ACTIVATE_ LICENSE	1 (default): Register the product key and automatically activate the software. [Empty string]: Register the product key but don't automatically activate the software.	You must include the ISX_SERIALNUM property for this property to take effect.
CREATE_ DESKTOPICONS	1 (default): Include a shortcut to the software on the desktop. [Empty string]: Don't include a shortcut to the software on the desktop.	
LOSU_ MEETINGPRO	1 (default): Start SMART Meeting Pro software when the user logs on. 0: Don't start SMART Meeting Pro software when the user logs on.	

Property	Allowed values	Notes
Microsoft Exchange integration and email properties		
ENABLE_ EXCHANGE	1 (default): Enable Microsoft Exchange integration. 0: Don't enable Microsoft Exchange integration.	You must also add the room resource's unique email address after installation.
EXCHANGE_ RM_EMAIL	[String]: A room resource email address to link with Microsoft Exchange.	Each computer requires a unique room resource email address.
EX_AUTO_ START	1 (default): Automatically start scheduled meeting at logon. 0: User must manually start scheduled meeting after logon.	
EX_AUTO_ BOOK	1 (default): Automatically book an unscheduled meeting at logon. 0: User must manually book an unscheduled meeting after logon.	If you select 1, an unscheduled meeting starts automatically at logon if the room resource is available for the next 30 minutes.
EX_AUTO_ RESET	1 (default): Automatically reset room after meeting end time. 0: Disable automatic room reset.	
EX_RESET_ DELAY	5 (default): Delay time in minutes before automatic room reset feature activates.	Type the preferred delay time in minutes. Only delay values of 1, 5 or 10 minutes are supported.
EX_AUTO_ AGENDA	1 (default): Automatically insert agenda after meeting starts. 0: Disable automatic insertion of agenda.	The agenda includes any meeting details the user typed in the meeting invitation in Outlook.
EMAIL_ ADDRESS	[String]: Type the sender email address for the SMART Meeting Pro software installation.	Users can email Whiteboard files to themselves or to other users from SMART Meeting Pro software. The software uses this email address in the *Sender* field if Microsoft Exchange integration is disabled.

Property	Allowed values	Notes
EMAIL_ SERVER	[String]: An email server for the SMART Meeting Pro software installation (for example, **mail.example.com**).	Users can email Whiteboard files to themselves or to other users from SMART Meeting Pro software if Microsoft Exchange integration is enabled. The software uses this email server to send the file if Microsoft Exchange integration is disabled.
USE_SYSTEM_ EMAIL	0 (default): Don't use the computer's default email client to send email messages. 1: Use the computer's default email client to send email messages.	The default email client must be properly configured before email can be sent if Microsoft Exchange integration is disabled.
Collaboration properties		
ENABLE_BRIDGIT	1 (default): Enable Bridgit integration. 0: Don't enable Bridgit integration.	Bridgit integration enables SMART Meeting Pro software to connect to SMART Meeting Pro software on other computers. For more information, see smarttech.com/bridgit.
BRIDGIT_ SERVER_NAME	[String]: The name of the Bridgit server (for example, **bridgit.example.com**).	If no server name is provided, Bridgit software integration is disabled.
SERVER_PWD	[String]: The access password for the Bridgit server.	
CREATION_PWD	[String]: The creation password for the Bridgit server.	
ADMIN_PWD	[String]: A password that allows users to modify the SMART Meeting Pro software settings.	If you don't specify a value, no password will be required to change SMART Meeting Pro software settings.
ENABLEBRIDGIT AUTOSHARE	1: Share the main screen each time a user starts a new session. 0 (default): Don't share the main screen each time a user starts a new session.	

Property	Allowed values	Notes
ENABLEBRIDGIT SHOWPASSWORD	1 (default): Show the meeting password in text on the Bridgit Collaboration Bar. 0: Mask the meeting password on the Bridgit collaboration bar.	
Additional properties		
UNBOUND WHITEBOARD	1 (default): SMART Meeting Pro software presents pages in Unbound Workspace. 0: SMART Meeting Pro software presents pages in Classic Workspace.	In Unbound Workspace, pages have no defined boundaries, and the page area can be significantly larger than the viewable area. This is beneficial when users want to use Whiteboard mode for brainstorming or to zoom in on specific details in large, detailed maps, diagrams or other images. In Classic Workspace, pages have defined boundaries, and the page area is usually the same as or slightly larger than the viewable area. This is beneficial when users want all content to be visible at the same time in the viewable area. SMART recommends that you use the default value (1).
DEFAULT_ MEETING_MODE	4 (default): SMART Meeting Pro software opens in Whiteboard mode. 1: SMART Meeting Pro software opens in Desktop mode.	

Property	Allowed values	Notes
DEFAULT_ FILE_FORMAT	3 (default): Save files in .fcw format. 1: Save files in .pdf format. 2: Save files in .ppt or .pptx format. 0: Save files in .notebook format.	If you select Unbound Workspace, do not select .notebook as the default file format. Unbound Workspace files can't be saved in .notebook format. Files saved in .pdf format can't be opened again in SMART Meeting Pro software. Files saved in .ppt or .pptx format can be opened in SMART Meeting Pro software but have reduced functionality. Regardless of which format you select, users can still select a different file format when they save whiteboard pages.
USE_ CALLIGRAPHIC_ INK	1 (default): Use calligraphic ink, which smooths your writing strokes and improves the readability of your notes. 0: Use regular ink.	
Gallery properties		
GALLERYDIR	[String]: The path to your preferred folder for user-added content.	If you don't specify a folder, SMART Meeting Pro software stores user-added content in ***[Public documents folder]*\SMART Technologies\Gallery\Added Content**.
EXTGALLERYDIR	[String]: The path to additional gallery folders.	

Chapter 3

Deploying the installation package

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Activating SMART Meeting Pro software 28

You can deploy the installation packages using third-party imaging or remote management software.

OR

You can deploy the installation packages using the operating system's command line interface.

Deploy the installation package and supporting files in the following order:

1. .NET Framework 4.5.1 (if not installed)
2. Visual Studio Tools for Office (if not installed)
3. SMART Meeting Pro software

IMPORTANT

If you want to deploy language packs, you must create a folder named **Support** in the same location as the installation package and MST file. Create a subfolder in the *Support* folder and name it **Languages**. Place the language packs in this subfolder.



This folder structure is created automatically if you extract the contents of the.zip file.

Using third-party imaging or remote management software

The following procedure shows how to deploy SMART software using Group Policy-based deployment software. For information on deploying SMART software using your organization's third-party imaging or remote management software, see the software's documentation.

NOTE

This procedure may vary depending on your version of Windows operating system and your system preferences.

To deploy an installation package using Group Policy-based deployment software

1. Copy the MSI file, MST file and *Support* folder to ***[Domain Controller]*\NETLOGON**, where *[Domain Controller]* is your domain controller.
2. Open Control Panel, double-click **Administrative Tools**, and then double-click **Active Directory Users and Computers**.

   The *Active Directory Users and Computers* window appears.
3. Right-click your domain, and then select **Properties**.

   The *Properties* dialog box appears.
4. Click the **Group Policy** tab, and then click **Edit**.

   The *Group Policy Object Editor* dialog box appears.
5. Browse to **Computer Configuration\Software Settings**.
6. Right-click **Software Installation**, select **New > Package**, browse to and select the MSI file, and then click **OK**.
7. In the *Deploy Software* section, click **Advanced**, and then click **OK**.
8. Click the **Modifications** tab, click **Add**, and then browse to and select the MST file.
9. Click **OK** to apply the MST file to the MSI file.
10. In the *Deploy Software* section, click **Advanced**, and then click **OK**.
11. Close all open windows and dialog boxes.

    NOTE

    The time it takes to deploy the software depends on the size of your network.

Using the command line interface

Using the command line interface, you can deploy installation packages in many ways, such as running commands from the Command Prompt window or by including commands in batch files.

To deploy .NET Framework 4.5.1

Run the following command to deploy the installation package in user interface mode:

```
[Path]\dotNetFx451_Full_setup.exe /passive /showfinalerror
```

OR

Run the following command to deploy the installation package in silent mode:

```
[Path]\dotNetFx451_Full_setup.exe /q
```

Where *[Path]* is the path to the **dotNetFx451_Full_setup.exe** file.

To deploy Visual Studio Tools for Office

Run the following command to deploy the installation package:

```
[Path]\vstor_redist.exe /q
```

Where *[Path]* is the path to the **vstor_redist.exe** file.

To deploy the SMART Meeting Pro software installation package

Run the following command if you created an MST file to customize the installation package:

```
msiexec /i "[Path]\SMARTMeetingProInstaller.msi" TRANSFORMS="[MST file]"
  [Parameter]
```

OR

Run the following command if you didn't create an MST file to customize the installation package:

```
msiexec /i "[Path]\SMARTMeetingProInstaller.msi" [Properties] [Parameter]
```

Where

- *[Path]* is the path to the **SMARTMeetingProInstaller.msi** file and MST file.
- *[MST file]* is the name of the MST file.
- *[Properties]* is a set of properties you can include to customize the installation (see *Using third-party tools* on page 16).
- *[Parameter]* is the installation parameter (see *Installation parameters* on page 47).

Activating SMART Meeting Pro software

There are two situations in which the software doesn't activate completely:

- **Imaging a computer:** Before the software can activate properly, each computer you install it on must have a unique installation ID, and you must activate the software after creating the image. If you use a computer image or clone a hard drive to set up multiple computers, they all have the same installation ID as the original computer, which can cause an activation error.
- **Protecting software for computer configurations:** If you use system recovery or protection software, you should activate the software before you lock or freeze the computer for your users. However, if you can't, you must activate the software afterward.

Run the activation wizard while connected to the network or complete the following procedure to activate the software on each computer.

To activate SMART Meeting Pro software

Run the following command:

```
"C:\Program Files\Common Files\SMART Technologies\SMART Product Update\
  activationwizard.exe" --puid meeting_pro --m=[Value] --v=3
  --a [Optional flags] --pk [Product key]
```

Where

- *[Value]* is 4 to run the activation wizard in unattended mode.

  OR

  [Value] is 6 to run the activation wizard in user interface mode.

- *[Optional flags]* are optional flags you can include to configure the activation wizard.

Flag	Purpose
--monitor=*[Number]*	Specify the monitor to display the activation wizard.
--proxy=*[Host:Port]*	Specify the proxy host and port number to use for activation.
--proxyuser=*[User]*	Specify the proxy user name to use for activation.
--proxypassword=*[Password]*	Specify the proxy password to use for activation.
--locale=*[Code]*	Display the activation wizard user interface in a specific language, where *[Code]* is your language code.

- *[Product key]* is the software product key.

Chapter 4

Configuring the software

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After deploying the SMART Meeting Pro software installation package, you must complete the following procedures to configure the software.

Orienting your SMART interactive product after installation

If you install SMART Meeting Pro software on a multiple-display system and your touch on one display registers on another, you must orient your interactive product again.

Use the following procedure to orient your interactive product using SMART Settings.

To orient multiple interactive products

1. Press the **SMART Board** icon in the notification area, and then select **Orient**.

NOTES

- You can also access the orientation screen by pressing the **Orient** button on your SMART interactive product. See the interactive product's user's guide for the location of this button.
- If the computer isn't currently connected to an interactive product, the **SMART Board** icon is gray and includes an X in its lower-right corner .

- Sometimes, the orientation screen appears on the primary interactive product instead of the interactive product you want to orient. If this happens, press SPACEBAR until the orientation screen appears on the interactive product you want to orient.

2. Touch the center of each target in the order indicated. The computer registers the point on the interactive product where you remove your finger or pen tool from the surface.

   The orientation procedure involves pressing 4, 9, 12 or 20 targets, depending on the orientation level you select (see the SMART Meeting Pro software online Help for more information on changing the orientation level of the interactive product).

Configuring 4K UHD displays

If you're using SMART Meeting Pro software with a 4K UHD display, set the dots per inch (DPI) to 150. For more information, see the operating system's Help.

NOTE

If you're using a customized Windows theme, the DPI setting might not be correct. Select a default Windows theme and then change the DPI setting before making any customizations.

Configuring Microsoft Exchange settings

SMART Meeting Pro software can integrate with Microsoft Exchange to provide a seamless meeting experience.

Users can schedule meetings from their personal computers using Microsoft Outlook. When users include a room resource in their invitations, they can access the meeting details from SMART Meeting Pro software when they log on to the room resource computer.

Adding a unique email address to each computer after installation

For proper integration of Microsoft Exchange, each computer you install SMART Meeting Pro software on must have a unique room resource email added in the registry entry. This email address identifies the room within your Microsoft Exchange Server. This enables users to reserve a room resource by booking the room in the same way they book other meeting participants.

Complete the following procedure to add a unique room resource email address to the registry entry of each computer.

CAUTION

Use caution when you open the Windows registry editor. If you incorrectly modify the Windows registry, you can damage your computer's operating system. Back up your registry before performing the following procedures.

TIP

For information on configuring a mass deployment of unique room resource email addresses, see the online Help systems for your network administration tools.

To add an email address to the registry entry after installation

1. Open the Registry Editor.
2. Use the following table to locate the appropriate key for your operating system.

Operating system	Folder location
32-bit	HKEY_LOCAL_MACHINE\Software\SMART Technologies\SMART Meeting Pro\Version 4.0.1\MSExchange
64-bit	HKEY_LOCAL_MACHINE\Software\Wow6432Node\SMART Technologies\SMART Meeting Pro\Version 4.0.1\MSExchange

3. Right-click **MeetingRoomEmail**, and then select **Modify**.
4. Type the room resource computer's unique email address in the *Value data* box, and then click **OK**.
5. Close the *Registry Editor* window.
6. Restart SMART Meeting Pro software.

Accessing administrator settings

You can change various administrator settings, including your administrator password.

NOTE

The *SMART Meeting Pro Settings* dialog box is available on each computer that hosts SMART Meeting Pro software when the software is running.

To access the SMART Meeting Pro Settings dialog box

1. Press the **SMART Board** icon in the notification area, and then select **SMART Settings**.
2. Press **SMART Meeting Pro Settings**.

   The *SMART Meeting Pro Settings* logon dialog box appears.
3. Type your administrator password, and then press **OK**.

   NOTE

   There is no password by default.

   The *SMART Meeting Pro Settings* dialog box appears.

To change the administrator password

1. Press the **SMART Board** icon in the notification area, and then select **SMART Settings**.
2. Press **SMART Meeting Pro Settings**.

   The *SMART Meeting Pro Settings* logon dialog box appears.
3. Press **Change Password**.

   The *Change administrator password* dialog box appears.
4. Type your current password and new password in the appropriate boxes.
5. Press **OK**.

Changing Microsoft Exchange integration settings

You can enable Microsoft Exchange integration, change various automatic settings, and configure a service account.

To change Microsoft Exchange integration settings

1. Open the *SMART Meeting Pro Settings* dialog box.
2. Press the **Microsoft Exchange** tab.
3. Select **Enable Microsoft Exchange integration**.

4. Change settings:

Control	Procedure	Notes (if any)
Room e-mail address	Type your meeting room resource email address.	
Auto start scheduled meeting at logon	Select the check box to enable automatic starting of scheduled meetings.	
Auto book ad hoc meeting at logon	Select the check box to enable automatic creation of ad hoc meetings.	
Auto reset room after meeting end time	Select the check box to enable the automatic end-meeting feature, and then select the delay time (in minutes) before the meeting automatically ends from the drop-down list.	
Auto insert agenda at meeting start	Select the check box to automatically insert meeting details.	
Use service account instead of logged on user's credentials	Select the check box to use a service account, and then type your domain, user name and password in the appropriate boxes.	In typical installations, you don't use a service account.

5. Optionally, press **Server Settings**, manually specify the URL of the Microsoft Exchange and Active Directory® servers that SMART Meeting Pro software authenticates against, and then press **OK**.

   NOTE

   In typical installations, you don't manually specify the URL of the Microsoft Exchange and Active Directory servers.

6. Press **OK**.

Checking registry values

When you use the *SMART Meeting Pro Settings* dialog box to configure Microsoft Exchange, the following registry keys are automatically configured:

- Meeting room email
- Service account credentials

NOTE

If you didn't select automatic detection of Microsoft Exchange Server and Active Directory server options, the Microsoft Exchange Server and Active Directory registry keys are automatically configured.

Use the following procedure to ensure that the correct registry values were assigned during the Microsoft Exchange configuration process.

CAUTION

Use caution when you open the Windows registry editor. If you incorrectly modify the Windows registry, you can damage your computer's operating system. Back up your registry before performing the following procedures.

To check the registry key values

1. Log on to the computer hosting SMART Meeting Pro software as an administrator.
2. Open the Registry Editor.
3. Use the following table to locate the appropriate key for your operating system.

Operating system	Folder location
32-bit	HKEY_LOCAL_MACHINE\Software\SMART Technologies\ SMART Meeting Pro\Version 4.0.1\MSExchange
64-bit	HKEY_LOCAL_MACHINE\Software\Wow6432Node\ SMART Technologies\SMART Meeting Pro\Version 4.0.1\ MSExchange

4. Check the following registry key:

Name	Description
MeetingRoomEmail	SMART Meeting Pro software uses this registry key for the room email address. This key is required and should contain the email address of the meeting room in which SMART Meeting Pro software is installed.
AuthUsername and AuthPassword	If you selected **Use service account instead of logged-on user's credentials** in the *Microsoft Exchange* tab, then registry keys exist for the service account logon name and password.

Name	Description
AuthADServer and ConnURL	If you didn't select automatic detection of Microsoft Exchange Server and Active Directory server options during Microsoft Exchange configuration, SMART Meeting Pro software requires Microsoft Exchange server and Active Directory addresses.

Changing email settings

If you don't enable integration with Microsoft Exchange, you can use SMTP email or the computer's default email client instead.

NOTE

If you don't enable Microsoft Exchange integration, you're unable to use the meeting notification features of SMART Meeting Pro software. However, you can use SMTP email to send meeting notes from Whiteboard mode.

To change email settings

1. Open the *SMART Meeting Pro Settings* dialog box.
2. Press the **E-mail** tab.
3. If you want to use SMTP email, change settings:

Control	Procedure	Notes (if any)
E-mail address	Type the sender email address.	The email address you enter will appear in the *From* field for any outgoing emails. If the computer doesn't have an email client installed, don't change the *do not reply* default value. This indicates to mail recipients that they can't reply to emails they receive.
SMTP server name	Type your SMTP server location.	

   OR

   If you want to use the computer's default email client, select **Use system e-mail**.

4. Press **OK**.

To restore default email settings

1. Open the *SMART Meeting Pro Settings* dialog box.
2. Press the **E-mail** tab.
3. Press **Restore Defaults**.
4. Press **OK**.

Microsoft Exchange Server polling intervals

Users can start a scheduled meeting or an unscheduled ad hoc meeting when they log on to a room resource computer. Depending on the availability of the room resource, meetings can be started automatically or manually. To enable this, SMART Meeting Pro software polls the Microsoft Exchange Server that it's integrated with to retrieve the logged-on user's calendar and the times that a room is booked.

SMART Meeting Pro software polls the Microsoft Exchange Server at the following intervals:

- When SMART Meeting Pro software starts.
- Every 10 seconds for the first five minutes after the start of a meeting (to enable meeting rooms to automatically join a Bridgit meeting).
- Once every minute after the first five minutes of a meeting (to ensure that a user can extend a meeting only if the room is available beyond the scheduled meeting).
- When a different user logs on to the room resource computer.

TIP

See the SMART Meeting Pro software online Help for more details on extending a meeting and adding other meeting rooms to a scheduled meeting.

NOTE

SMART Meeting Pro software polls the Microsoft Exchange Server only for the time stamp that records the last time a user or room calendar was changed. If the time stamp received from the server is later than the time stamp saved by SMART Meeting Pro software, then SMART Meeting Pro software will access the room or user calendar (or both). By using this polling rate, SMART Meeting Pro software significantly reduces the load on the Microsoft Exchange Server.

Chapter 5

Updating the software

SMART periodically releases updates to its software. These updates add new features and resolve issues.

Go to smarttech.com/software to download the latest installation package. SMART provides updates in MSI file format in the installation package.

After you download an installation package and extract the update files, place the update files in a location on your network that's accessible to all the computers you plan to update.

IMPORTANT

You cannot roll back an update after installing it. You must remove the full version of the software (see *Removing the software* on page 41), and then install the previous version.

The command line for running an update using a Windows Installer update installation package varies depending on whether the update is major or minor.

NOTE

The SMART website indicates whether an update is major or minor.

To run a major software update using a Windows Installer update installation package

Run the following command:

```
msiexec /i "[Path]\[File].msi" [Parameter]
```

Where

- *[Path]* is the path to the MSI file.
- *[File]* is the name of the MSI file.
- *[Parameter]* is the installation parameter (see *Installation parameters* on page 47).

To run a minor software update using a Windows Installer update installation package

Run the following command:

```
msiexec /i "[Path]\[File].msi" REINSTALL=ALL REINSTALLMODE=vomus [Parameter]
```

Where

- *[Path]* is the path to the MSI file.
- *[File]* is the name of the MSI file.
- *[Parameter]* is the installation parameter (see *Installation parameters* on page 47).

Chapter 6

Removing the software

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SMART Uninstaller enables you to remove SMART software.

Using the user interface

You can remove SMART software from individual computers using the SMART Uninstaller user interface.

To remove SMART software

1. In Windows 7 operating system, select **Start > All Programs > SMART Technologies > SMART Tools > SMART Uninstaller**.

   OR

   In Windows 8 operating system, go to the *Apps* screen and then scroll to and press **SMART Uninstaller**.

2. Press **Next**.
3. Select the check boxes of the SMART software and supporting packages that you want to remove, and then press **Next**.

   NOTE

   SMART Uninstaller automatically removes any supporting packages that are no longer being used. If you choose to remove all SMART software, SMART Uninstaller automatically removes all supporting packages, including itself.

   TIPS

   - To select all software and supporting packages, press **Select All**.
   - To clear the selection of all software and supporting packages, press **Clear All**.

4. Press **Uninstall**.

   SMART Uninstaller removes the selected software and supporting packages.

5. Press **Finish**.

Using the command line interface

In addition to removing SMART software using the SMART Uninstaller user interface, you can remove SMART software using the SMART Uninstaller command line interface. This enables you to automate the removal of SMART software and remove SMART software remotely.

NOTE

SMART recommends that you copy SMART Uninstaller to a temporary location before running command lines and prefix command lines with **start /wait**.

To remove all SMART software

1. Copy SMART Uninstaller to a temporary location by running one of the following commands:
   - For 32-bit operating systems:

     ```
     copy "%CommonProgramFiles%\SMART Technologies\SMART Uninstaller.exe"
       "%TEMP%"
     ```

   - For 64-bit operating systems:

     ```
     copy "%CommonProgramFiles(x86)%\SMART Technologies\SMART Uninstaller.exe"
       "%TEMP%"
     ```

2. Remove all software by running the following command:

   ```
   start /wait "SMART Uninstaller" "%TEMP%\SMART Uninstaller.exe" --noui
     --uninstall-all --uilevel none
   ```

3. Delete the copy of SMART Uninstaller in the temporary location by running the following command:

   ```
   del "%TEMP%"\SMART Uninstaller.exe"
   ```

To remove SMART software by product name

1. Copy SMART Uninstaller to a temporary location by running one of the following commands:
   - For 32-bit operating systems:

     ```
     copy "%CommonProgramFiles%\SMART Technologies\SMART Uninstaller.exe"
       "%TEMP%"
     ```

   - For 64-bit operating systems:

     ```
     copy "%CommonProgramFiles(x86)%\SMART Technologies\SMART Uninstaller.exe"
       "%TEMP%"
     ```

2. Remove select software by running the following command:

   ```
   start /wait "SMART Uninstaller" "%TEMP%\SMART Uninstaller.exe" --noui
     --uninstall "[Product names]" --uilevel none
   ```

   Where *[Product names]* is a comma delimited list of product names.

3. Delete the copy of SMART Uninstaller in the temporary location by running the following command:

   ```
   del "%TEMP%"\SMART Uninstaller.exe"
   ```

To remove SMART software by product code

1. Copy SMART Uninstaller to a temporary location by running one of the following commands:
   - For 32-bit operating systems:

     ```
     copy "%CommonProgramFiles%\SMART Technologies\SMART Uninstaller.exe"
       "%TEMP%"
     ```

   - For 64-bit operating systems:

     ```
     copy "%CommonProgramFiles(x86)%\SMART Technologies\SMART Uninstaller.exe"
       "%TEMP%"
     ```

2. Remove select software by running the following command:

```
start /wait "SMART Uninstaller" "%TEMP%\SMART Uninstaller.exe" --noui
  --uninstall-pc [Product codes] --uilevel none
```

Where *[Product codes]* is a comma delimited list of product codes.

SMART Meeting Pro software product codes

Version	Product code
2.0	{596BD3B5-DC48-4AD2-A60A-4C39C9852294}
2.1	{4BD7F008-CDD9-454D-8A5B-4FF8BB8FEF02}
2.2	{76F84A17-835E-46C7-9C31-520BAFD5AC9D}
2.3	{E1660294-4C1E-4893-A40D-FFE0051E824F}
3.0	{C75C357C-3368-4142-AC8D-9F528B57373D}
3.1	{0F31DCED-1093-44C8-B606-70C5F108E70B}
3.1 SP1	{A6C3D76B-3CDB-4A35-82B3-E66B9B518152}
4.0	{3AA433E4-4280-4E84-A276-225313E9658C}
4.0 SP1 and SP2	{83DE2F6A-2336-4F2E-A3C5-908A821C754E}

SMART Product Drivers product codes

Version	Product code
10.0.124.0	{FF7A64AB-214A-47D1-95E7-742BCBA7F6C9}
10.0.131.0	{FF7A64AB-214A-47D1-95E7-742BCBA7F6C9}
10.0.163.1	{FF7A64AB-214A-47D1-95E7-742BCBA7F6C9}
10.0.165.1	{FF7A64AB-214A-47D1-95E7-742BCBA7F6C9}
10.0.186.2	{FF7A64AB-214A-47D1-95E7-742BCBA7F6C9}
10.0.188.3	{FF7A64AB-214A-47D1-95E7-742BCBA7F6C9}
10.0.232.4	{FF7A64AB-214A-47D1-95E7-742BCBA7F6C9}
10.0.255.5	{FF7A64AB-214A-47D1-95E7-742BCBA7F6C9}
10.0.314.5	{FF7A64AB-214A-47D1-95E7-742BCBA7F6C9}
10.0.392.6	{00C68967-9790-40DA-86F7-FDB248A5CDB1}
10.0.528.7	{AA9C1126-50DD-4993-9CDC-0BED8167293C}
10.0.532.7	{984EAE92-6043-451A-B786-9327FF165310}

Version	Product code
10.6.48.0	{2623A1E3-478A-4F4A-A522-3A3D784A0C9C}
10.6.106.1	{487F1117-8BDE-4518-A798-015172AE0410}
10.6.175.2	{333B0B76-FC96-4C51-9AF6-B6EFA15ACE99}
10.7.81.0	{1355416A-967D-47C5-823D-D493C3E0B97C}
10.7 SP1	{4CE6C6E8-0DAD-4757-86ED-7FB4035BA98B}
10.8	{67E6410C-1E97-4D03-BEC2-8E83323A6BBD}
11.0	{E3189F44-F7BD-4F96-B756-A0AEFAF61D3A}
11.1	{E91FBB79-D736-4834-A1AB-2A5CDD2DB7E7}
11.2	{22A358FC-AF39-423A-9B2A-6F52B56615C3}
11.5	{B1209081-5D82-4F8A-8318-BE7583B6E265}
12.1	{67F35E75-A186-4F80-B291-8283331D5550}

SMART Ink product codes

Version	Product code
1.0	{4A1F2472-6164-43FA-9D2F-B35E71A8DF32}
1.1	{4A1F2472-6164-43FA-9D2F-B35E71A8DF32}
1.1 SP1	{F0E390A2-AB03-4077-83C4-F12D3A65493D}
1.5	{4B29EB9E-8205-4919-B069-22B531429FFE}
2.2	{67400665-611A-467D-AF52-16174ECE6FEB}
3.0	{ED12A0BE-E9B0-4886-8D18-A214BAD463B0}

SMART Common Files product codes

Version	Product code
10.8	{0E5DD7A3-BE29-430C-970B-C553F4A58C39}
11.0	{ED2455F7-6AA6-4D3C-85E9-A72297DD7051}
11.1	{3D7235B2-3305-4FE1-A9A1-5F8AC2F33122}
11.2	{9057211D-439A-4C0D-95DE-498CF54ADF8C}

12. Delete the copy of SMART Uninstaller in the temporary location by running the following command:

```
del "%TEMP%"\SMART Uninstaller.exe"
```

In addition to the commands in the recommended procedures, you can include the following commands with SMART Uninstaller.

Command	Description	Notes (if any)
`--dry-run`	Runs the command line but doesn't remove the software.	This is useful for testing command lines before running them.
`--locale [Language code]` Where *[Language code]* is a language code (for example, **fr** for French)	Displays SMART Uninstaller in a language other than the operating system's language.	The appropriate language pack must be installed to display SMART Uninstaller in the language.
`--uilevel [Level]` Where *[Level]* is **none**, **basic** (default), **reduced** or **full**	Specifies the user interface that displays when SMART Uninstaller removes the software.	Normally, **`--uilevel none`** is used only in combination with **`--noui`**.
`--no-auto-remove`	Disables the automatic removal of supporting packages (for example, SMART Common Files) that are no longer required after the selected packages are removed.	This is used only if **`--noui`** is also included.
`--noui`	Doesn't display the SMART Uninstaller user interface.	Normally, **`--noui`** is used only in combination with **`--uilevel none`**.
`--uninstall-all`	Removes all detected SMART packages.	
`--uninstall [Product names]` Where *[Product names]* is a comma delimited list of product names	Removes the specified products.	
`--uninstall-pc [Product codes]` Where *[Product codes]* is a comma delimited list of product codes (see *Removing the software* on page 41)	Removes the specified products.	

Appendix A

Installation parameters

Parameter	Use
/q	Hide the installation wizard. **NOTE** This is Silent mode.
/qb	Show a basic installation wizard.
/qb!	Show a basic installation wizard without a *Cancel* button.
/qb+	Show a basic installation wizard with a dialog box signaling the end of the installation.
/qb+!	Show a basic installation wizard without a *Cancel* button but with a dialog box signaling the end of the installation.
/qr	Show a reduced installation wizard.
/qf	Show the full installation wizard, including a dialog box signaling the end of the installation or the *Fatal Error*, *User Exit* or *Exit* dialog box.
/qn	Hide the installation wizard and the dialog box signaling the end of the installation.
/qn+	Hide the installation wizard but show the dialog box signaling the end of the installation.

SMART TECHNOLOGIES

smarttech.com/support

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smarttech.com/kb/170518